

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/489,760DATE: 02/15/2000
TIME: 14:56:54

Input Set: I489760.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

ENTERED

1 <110> APPLICANT: Rijksuniversiteit Te Leiden
2 Goulmy, Elsa A.J.M
3 Hunt, Donald F
4 Hard, Victor H
5 <120> TITLE OF INVENTION: The HA-1 Antigen
6 <130> FILE REFERENCE: 2183-4285US
7 <140> CURRENT APPLICATION NUMBER: US/09/489,760
8 <141> CURRENT FILING DATE: 2000-01-21
9 <150> EARLIER APPLICATION NUMBER: PCT/NL98/00424
10 <151> EARLIER FILING DATE: 1998-07-23
11 <160> NUMBER OF SEQ ID NOS: 16
12 <170> SOFTWARE: PatentIn Ver. 2.1
13 <210> SEQ ID NO 1
14 <211> LENGTH: 9
15 <212> TYPE: PRT
16 <213> ORGANISM: Histocompatibility antigen
17 <220> FEATURE:
18 <221> NAME/KEY: PEPTIDE
19 <222> LOCATION: (3)
20 <223> OTHER INFORMATION: AMINO ACID X REPRESENTS A HISTIDINE OR AN ARGININE
21 RESIDUE
22 <400> SEQUENCE: 1
23 Val Leu Xaa Asp Asp Leu Leu Glu Ala
24 1 5
25 <210> SEQ ID NO 2
26 <211> LENGTH: 9
27 <212> TYPE: PRT
28 <213> ORGANISM: Histocompatibility antigen
29 <400> SEQUENCE: 2
30 Val Leu His Asp Asp Leu Leu Glu Ala
31 1 5
32 <210> SEQ ID NO 3
33 <211> LENGTH: 9
34 <212> TYPE: PRT
35 <213> ORGANISM: Histocompatibility antigen
36 <220> FEATURE:
37 <221> NAME/KEY: PEPTIDE
38 <222> LOCATION: (2)
39 <223> OTHER INFORMATION: AMINO ACID X REPRESENTS EITHER ISOLEUCINE OR
40 LEUCINE RESIDUES
41 <400> SEQUENCE: 3
42 Tyr Xaa Thr Asp Arg Val Met Thr Val
43 1 5
44 <210> SEQ ID NO 4

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/489,760

DATE: 02/15/2000
TIME: 14:56:54

Input Set: I489760.RAW

45 <211> LENGTH: 9
46 <212> TYPE: PRT
47 <213> ORGANISM: Histocompatibility antigen
48 <220> FEATURE:
49 <221> NAME/KEY: PEPTIDE
50 <222> LOCATION: (2)..(7)
51 <223> OTHER INFORMATION: AMINO ACIDS X REPRESENT LEUCINE OR ISOLEUCINE
52 RESIDUES
53 <400> SEQUENCE: 4
54 Val Xaa His Asp Asp Xaa Xaa Glu Ala
55 1 5
56 <210> SEQ ID NO 5
57 <211> LENGTH: 9
58 <212> TYPE: PRT
59 ~~<213> ORGANISM: KIAA0223 partial complementary DNA~~
60 <400> SEQUENCE: 5
61 Val Leu Arg Asp Asp Leu Leu Glu Ala
62 1 5
63 <210> SEQ ID NO 6
64 <211> LENGTH: 25
65 <212> TYPE: DNA
66 <213> ORGANISM: Unknown Organism
67 <220> FEATURE:
68 <223> OTHER INFORMATION: Description of Unknown Organism:Reverse primer
69 <400> SEQUENCE: 6
70 gctcctgcat gacgctctgt ctgca 25
71 <210> SEQ ID NO 7
72 <211> LENGTH: 24
73 <212> TYPE: DNA
74 <213> ORGANISM: Unknown Organism
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Description of Unknown Organism:Forward primer
77 <400> SEQUENCE: 7
78 gacgtcgtcg aggacatctc ccat 24
79 <210> SEQ ID NO 8
80 <211> LENGTH: 25
81 <212> TYPE: DNA
82 <213> ORGANISM: Unknown Organism
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Description of Unknown Organism:Reverse Primer
85 <400> SEQUENCE: 8
86 gaaggccaca gcaatcgtct ccagg 25
87 <210> SEQ ID NO 9
88 <211> LENGTH: 30
89 <212> TYPE: DNA
90 <213> ORGANISM: Unknown Organism
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Unknown Organism:HA-1" allele
93 primer H1
94 <400> SEQUENCE: 9

Input Set: I489760.RAW

```

95      ccttgagaaa cttaaggagt gtgtgctgca                      30
96  <210> SEQ ID NO 10
97  <211> LENGTH: 30
98  <212> TYPE: DNA
99  <213> ORGANISM: Unknown Organism
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Description of Unknown Organism:HA-1r allele
102     primer R1
103 <400> SEQUENCE: 10
104     ccttgagaaa cttaaggagt gtgtgttgca                      30
105 <210> SEQ ID NO 11
106 <211> LENGTH: 33
107 <212> TYPE: DNA
108 <213> ORGANISM: Forward KIAA00223 based PCR primer
109 <400> SEQUENCE: 11
110     ccggcatgga cgctgctgag gacatctccc atc                      33
111 <210> SEQ ID NO 12
112 <211> LENGTH: 30
113 <212> TYPE: DNA
114 <213> ORGANISM: Reverse KIAA00223 based PCR primer
115 <400> SEQUENCE: 12
116     ctacttcagg ccacagcaat cgtctccagg                      30
117 <210> SEQ ID NO 13
118 <211> LENGTH: 38
119 <212> TYPE: DNA
120 <213> ORGANISM: Unknown Organism
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Unknown Organism:HA-1-/-
123 <400> SEQUENCE: 13
124     gagtgtgtgt tgcgtgacga cctccttgag gcccgcgcg                      38
125 <210> SEQ ID NO 14
126 <211> LENGTH: 13
127 <212> TYPE: PRT
128 <213> ORGANISM: Unknown Organism
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Description of Unknown Organism:HA-1-/-
131 <400> SEQUENCE: 14
132     Glu Cys Val Leu Arg Asp Asp Leu Leu Glu Ala Arg Arg
133         1             5             10
134 <210> SEQ ID NO 15
135 <211> LENGTH: 38
136 <212> TYPE: DNA
137 <213> ORGANISM: Unknown Organism
138 <220> FEATURE:
139 <223> OTHER INFORMATION: Description of Unknown Organism:HA-1+/+
140 <400> SEQUENCE: 15
141     gagtgtgtgc tgcattgacga cctccttgag gcccgcgcg                      38
142 <210> SEQ ID NO 16
143 <211> LENGTH: 13
144 <212> TYPE: PRT

```

PAGE: 4

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/489,760DATE: 02/15/2000
TIME: 14:56:54

Input Set: I489760.RAW

145 <213> ORGANISM: Unknown Organism
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Description of Unknown Organism:HA-1+/+
148 <400> SEQUENCE: 16
149 Glu Cys Val Leu His Asp Asp Leu Leu Glu Ala Arg Arg
150 1 5 10

Input Set: I489760.RAW

Line	? Error/Warning	Original Text
23	W "N" or "Xaa" used: Feature required	Val Leu Xaa Asp Asp Leu Leu Glu Ala
42	W "N" or "Xaa" used: Feature required	Tyr Xaa Thr Asp Arg Val Met Thr Val
54	W "N" or "Xaa" used: Feature required	Val Xaa His Asp Asp Xaa Xaa Glu Ala